	L Number	Hits		DB	Time stamp
	21	7	multiplexer same "test input" same "normal input"	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/10/17 12:43
	22	236	multiplexer same "test clock" same ("clock" or "normal clock")	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/10/17 12:38
	23	121	multiplexer with "test input" with "input"	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/10/17 12:44
	24	121	multiplexer with "test input"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/10/17 12:44
	25	4	(multiplexer with "test input") and (multiplexer with "test clock")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/10/17 12:47
	26	9	((multiplexer or selecter or selector or selects or selected or selecting or switch or switches or switched or switching) with "test input") and (multiplexer with "test clock")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/10/17 12:48
	27	37		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 13:07
ುತ್ತೇ ಕುಲಬಹಿಸಿ ಕುಂಗೆ ನಗ್ಗಳು	28	37		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 13:01
	29	16	(((multiplexer or selecter or selector or selects or selected or selecting or switch or switches or switched or switching) same "test input") same ((multiplexer or selecter or selector or selects or selected or selecting or switch or switches or switched or switching) same "test clock")) not (((multiplexer or selecter or selector or selects or selected or selecting or switch or switches or switched or switching) with "test input") and ((multiplexer or selecter or selector or selects or selected or selecting or switch or switches or switched or switch or switches or switched or switch or switches or switched or switching) with "test clock"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 13:01

30	26	((multiplexer or selecter or selector or	USPAT;	2003/10/17
		selects or selected or selecting or	US-PGPUB;	15:43
		switch or switches or switched or	EPO; JPO;	
		switching) with "test input") and	DERWENT;	
		((multiplexer or selecter or selector or	IBM TDB	
		selects or selected or selecting or	_	
		switch or switches or switched or		
		switching) with (tck or tclk))		
31	83	(("flip flop" or "flip flops" or	USPAT;	2003/10/17
		flip-flop or flip-flops or latch or	US-PGPUB;	14:05
		latches) and "test mode").ti.	EPO; JPO;	
			DERWENT;	
			IBM TDB	
32	31	(("flip flop" or "flip flops" or	USPAT;	2003/10/17
		flip-flop or flip-flops or latch or	US-PGPUB;	14:46
		latches) same "test input" same "test	EPO; JPO;	
		clock")	DERWENT;	
		·	IBM TDB	
33	0	9103374.URPN.	USPAT	2003/10/17
				14:19
34	41	"test mode" same ("delay test" or "delay	USPAT;	2003/10/17
		testing" or "delay tests")	US-PGPUB;	14:20
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
85	190	(("flip flop" or "flip flops" or	USPAT;	2003/10/17
		flip-flop or flip-flops or latch or	US-PGPUB;	15:00
		latches) same ("test input" or "test	EPO; JPO;	
		data" or "test in" or tdata) same ("test	DERWENT;	
		clock" or tck or tclk or "test clk"))	IBM_TDB	
86	264	jtag with "test mode"	USPAT;	2003/10/17
			US-PGPUB;	14:55
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
89	52	"scan cell" with "test mode"	USPAT;	2003/10/17
			US-PGPUB;	14:55
			EPO; JPO;	
			DERWENT;	1
			IBM_TDB	
90	69	(("flip flop" or "flip flops" or	USPAT;	2003/10/17
		flip-flop or flip-flops or latch or	US-PGPUB;	15:11
	a Santa	-latches) same ("scan input") same ("scan	EPO; JPO;	11.0 1. 1 Na 1 Na 1
		clock"))	DERWENT;	
			IBM_TDB	2002/10/17
91	200	lssd.ti.	USPAT;	2003/10/17
			US-PGPUB;	15:12
			EPO; JPO;	
			DERWENT;	
02	22	/multiployer or golocter or colocter or	IBM_TDB	2003/10/17
92	23	(multiplexer or selecter or selector or	USPAT;	2003/10/17
		selects or selected or selecting or switch or switches or switched or	US-PGPUB;	15:47
			EPO; JPO;	
		switching) with (pad near2 test) with normal	DERWENT;	
93	304		IBM_TDB USPAT;	2003/10/17
ا عن	304	(multiplexer or selecter or selector or selects or selected or selecting or	US-PGPUB;	15:48
		switch or switches or switched or	EPO; JPO;	12.40
			1	
		switching) with (pad near2 test)	DERWENT; IBM TDB	
	I	I	T DM_ T DD	

94	76	(US-4881027-\$ or US-4746898-\$ or	USPAT;	2003/10/17
		US-6417642-\$ or US-5774003-\$ or	US-PGPUB;	15:52
		US-3786276-\$ or US-6622273-\$ or	JPO;	
		US-6616256-\$ or US-6437597-\$ or	DERWENT;	
		US-5923676-\$ or US-5553276-\$ or	IBM TDB	
		US-5181191-\$ or US-4924430-\$ or	_	
		US-6415402-\$ or US-6404663-\$ or		
		US-6108793-\$ or US-6219813-\$ or		
		US-5381453-\$ or US-6434727-\$ or		
		US-6188934-\$ or US-5983009-\$ or		
		US-5886901-\$ or US-5875114-\$ or		
		US-5696771-\$ or US-5638294-\$ or		
		US-5583787-\$ or US-5355321-\$).did. or		
		(US-5173864-\$ or US-6099578-\$ or		
		US-6232845-\$ or US-6401233-\$ or		
		US-5943489-\$ or US-4878209-\$ or		
		US-6452459-\$ or US-6233205-\$ or		
1		US-6144262-\$ or US-5768130-\$ or		
		US-6272439-\$ or US-6065145-\$ or		
		US-5452239-\$ or US-5384500-\$ or		
		US-5671233-\$ or US-6456737-\$ or		
		US-5821786-\$ or US-6335889-\$ or		
		US-5198999-\$ or US-5787310-\$ or		
		US-6489819-\$ or US-6070260-\$ or		
		US-5663991-\$ or US-4602210-\$ or		
1		US-6189121-\$ or US-6526109-\$ or		
		US-6308291-\$).did. or (US-5430394-\$ or		
		US-6553524-\$ or US-5889788-\$ or		
1		US-5774474-\$ or US-6615380-\$ or	ł	
		US-6456961-\$ or US-6393592-\$).did. or		
1		(US-20020010559-\$ or US-20020011865-\$ or		
1		US-20020095646-\$ or		
		US-20030101397-\$).did. or (JP-61016615-\$		
		or JP-05227138-\$ or JP-2001332099-\$ or		
		JP-11353873-\$).did. or (US-5220212-\$ or		
		JP-2001142736-\$ or JP-2001101900-\$ or		
		JP-11251978-\$ or JP-03101245-\$ or		
		JP-06163691-\$ or JP-10050847-\$).did. or		
L		(NB9103374).tban.		<u></u>

į.					
`	95	8	((US-4881027-\$ or US-4746898-\$ or	USPAT;	2003/10/17
			US-6417642-\$ or US-5774003-\$ or	US-PGPUB;	15:52
			US-3786276-\$ or US-6622273-\$ or	EPO; JPO;	
			US-6616256-\$ or US-6437597-\$ or	DERWENT;	
			US-5923676-\$ or US-5553276-\$ or	IBM TDB	
			US-5181191-\$ or US-4924430-\$ or		
			US-6415402-\$ or US-6404663-\$ or		
			US-6108793-\$ or US-6219813-\$ or		
			US-5381453-\$ or US-6434727-\$ or		
			US-6188934-\$ or US-5983009-\$ or		
			US-5886901-\$ or US-5875114-\$ or		
			US-5696771-\$ or US-5638294-\$ or		
			US-5583787-\$ or US-5355321-\$).did. or		
			(US-5173864-\$ or US-6099578-\$ or		
			US-6232845-\$ or US-6401233-\$ or		
			US-5943489-\$ or US-4878209-\$ or		
			US-6452459-\$ or US-6233205-\$ or		
			US-6144262-\$ or US-5768130-\$ or		
			US-6272439-\$ or US-6065145-\$ or		
			US-5452239-\$ or US-5384500-\$ or		
			US-5671233-\$ or US-6456737-\$ or		
			US-5821786-\$ or US-6335889-\$ or		
			US-5198999-\$ or US-5787310-\$ or	=	
			US-6489819-\$ or US-6070260-\$ or		
			US-5663991-\$ or US-4602210-\$ or		
			US-6189121-\$ or US-6526109-\$ or		
			US-6308291-\$).did. or (US-5430394-\$ or		
			US-6553524-\$ or US-5889788-\$ or		
			US-5774474-\$ or US-6615380-\$ or		
			· · · · · · · · · · · · · · · · · · ·		
			US-6456961-\$ or US-6393592-\$).did. or		
			(US-20020010559-\$ or US-20020011865-\$ or		l i
			US-20020095646-\$ or		1
			US-20030101397-\$).did. or (JP-61016615-\$		1
			or JP-05227138-\$ or JP-2001332099-\$ or		
			JP-11353873-\$).did. or (US-5220212-\$ or		ĺ
			JP-2001142736-\$ or JP-2001101900-\$ or		
			JP-11251978-\$ or JP-03101245-\$ or		
			JP-06163691-\$ or JP-10050847-\$).did. or		
			(NB9103374).tban.) and bypass		
	96	201	702/79.ccls.	USPAT;	2003/10/17
				US-PGPUB;	16:26
				EPO; JPO;	
Land of the second	s a star in the	711114	egan kan man man anna manan da dh'ithir minesemble agus canna con c	DERWENT;	()
				IBM TDB	
	97	70	702/89.ccls.	USPAT;	2003/10/17
	* /	, ,	702,0000000	US-PGPUB;	16:26
				EPO; JPO;	
				DERWENT;	
				IBM TDB	
	98	557	702/117.ccls.	USPAT;	2003/10/17
	90	337	7027117.0013.	US-PGPUB;	16:26
				-	10.20
				EPO; JPO;	
				DERWENT;	ŀ
			700 /1101-	IBM_TDB	2002/10/27
	99	149	702/118.ccls.	USPAT;	2003/10/17
				US-PGPUB;	16:26
				EPO; JPO;	
				DERWENT;	
				IBM_TDB	
	100	143	702/119.ccls.	USPAT;	2003/10/17
				US-PGPUB;	16:26
		1		EPO; JPO;	
				DERWENT;	
				IBM TDB	
	101	129	702/120.ccls.	USPĀT;	2003/10/17
				US-PGPUB;	16:27
				EPO; JPO;	
		ļ		DERWENT;	
				IBM TDB	
	L	1	I company		

102	94	324/532.ccls.	USPAT;	2003/10/17
			US-PGPUB;	16:27
			EPO; JPO;	
			DERWENT;	1
			IBM TDB	
102	155	224/5241-	_	2002/10/17
103	155	324/534.ccls.	USPAT;	2003/10/17
			US-PGPUB;	16:27
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
104	210	714/731.ccls.	USPAT;	2003/10/17
101		711,701.0015.	US-PGPUB;	16:27
			EPO; JPO;	10.27
			DERWENT;	
1			IBM_TDB	
105	591	714/733.ccls.	USPAT;	2003/10/17
			US-PGPUB;	16:27
			EPO; JPO;	1
			DERWENT;	
			IBM TDB	
106	314	714/734.ccls.	USPAT;	2003/10/17
108	214	/14//34.0015.	ſ	,
			US-PGPUB;	16:27
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
107	686	716/6.ccls.	USPAT;	2003/10/17
			US-PGPUB;	16:27
			EPO; JPO;	
			DERWENT;	
100	275	716/17 1	IBM_TDB	2002/10/17
108	375	716/17.ccls.	USPAT;	2003/10/17
1			US-PGPUB;	16:27
İ			EPO; JPO;	
ļ			DERWENT;	
			IBM TDB	
109	29	714/726.ccls. and ((wire or wiring or	USPAT;	2003/10/17
103	-	wires or wired) with (delays or delay))	US-PGPUB;	16:28
		wires of wired, with (delays of delay);		10.20
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
110	42	714/724.ccls. and (delay).ti.	USPAT;	2003/10/17
			US-PGPUB;	16:28
The transfer of the	5.22-1. 5.2.	the second control of	EPO; JPO;	* "
ľ			DERWENT;	
			IBM TDB	
111	618	(702/79.ccls. 702/89.ccls. 702/117.ccls.	USPAT;	2003/10/17
***	919			
		702/118.ccls. 702/119.ccls. 702/120.ccls.	US-PGPUB;	16:29
		324/532.ccls. 324/534.ccls. 714/731.ccls.	EPO; JPO;	
		714/733.ccls. 714/734.ccls. 716/6.ccls.	DERWENT;	
		716/17.ccls. (714/726.ccls. and ((wire or	IBM_TDB	
		wiring or wires or wired) with (delays or		
-		delay))) (714/724.ccls. and (delay).ti.))		ļ l
1		and @pd>=20021129		
_	1		USPAT;	2003/10/17
	1		US-PGPUB;	12:34
				12.33
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	142	(katsuaki and matsui).in.	USPAT;	2002/11/27
			US-PGPUB;	15:23
			EPO; JPO;	' ' '
			DERWENT;	
1	1.000	No. 10 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	IBM_TDB	0000 (11 (07
1 -	1677	"test clock"	USPAT;	2002/11/27
			US-PGPUB;	15:08
			EPO; JPO;	
			DERWENT;	1
			IBM TDB	1

_	393	"test clock" and (pad or pads)	USPAT; US-PGPUB;	2002/11/27 15:09
			EPO; JPO; DERWENT;	
_	103	"test clock" and (pad or pads) and	IBM_TDB USPAT;	2002/11/27
		((delay or delays) with (measure or measures or measuring or measured or	US-PGPUB; EPO; JPO;	15:13
		measurement or measurements or determine or determined or determines or	DERWENT; IBM_TDB	
		determining or determination or determinations or calculate or calculates	_	
		or calculating or calculated or calculations or calculation))		
-	10	"test clock" and (pad or pads) and ((delay or delays) with (measure or	USPAT; US-PGPUB;	2002/11/27 15:14
		measures or measuring or measured or measurement or measurements or determine	EPO; JPO; DERWENT;	
		or determined or determines or determining or determination or	IBM_TDB	
		determinations or calculate or calculates or calculating or calculated or		
		calculations or calculation) with (path or paths or wiring or wirings))		
_	13	("test mode" or "test-mode") same ("path delay" or "path delays")	USPAT; US-PGPUB;	2002/11/27
			EPO; JPO; DERWENT;	
_	4	("functional test" or "functional tests")	IBM_TDB USPAT;	2002/11/27
		with ("macro cell" or "macro cells")	US-PGPUB; EPO; JPO;	15:35
			DERWENT; IBM TDB	
_	1240	"macro cell"	USPAT; US-PGPUB;	2002/11/29 06:33
			EPO; JPO; DERWENT;	
_	97	"macro cell" and (input or inputs) and	<pre>IBM_TDB USPAT;</pre>	2002/11/29
		(output or outputs) and (clock or clocks or clk) and (pad or pads)	US-PGPUB; EPO; JPO;	06:34
7. 7.	r -, 55	Persuperary and Control of the Contr	DERWENT; IBM_TDB	The State of
_	62	"macro cell" and (input or inputs) and (output or outputs) and (clock or clocks	USPAT; US-PGPUB;	2002/11/29 06:34
		or clk) and (pad or pads) and (test or tests or testing or tested or tester or	EPO; JPO; DERWENT;	
_	21	testers) ((test or tests or testing or tested or	IBM_TDB USPAT;	2002/11/29
		tester or testers) same "macro cell") and (input or inputs) and (output or outputs)	US-PGPUB; EPO; JPO;	06:39
	20	and (clock or clocks or clk) and (pad or pads)	DERWENT; IBM_TDB	2002/11/20
_	20	(test or tests or testing or tested or tester or testers).ti. and (input or inputs) and (output or outputs) and	USPAT; US-PGPUB;	2002/11/29 06:47
		inputs) and (output or outputs) and (clock or clocks or clk) and (pad or pads) and ((delay or delays) with	EPO; JPO; DERWENT; IBM TDB	
		(measure or measures or measuring or measured or measurement or measurements	IDM_IDB	
		or determine or determined or determines or determining or determination or		
		determinations or calculate or calculates or calculating or calculated or		
		calculations or calculation) with (path or paths or wiring or wirings))		
			L	l

-	200	("functional test" or "functional tests").ti.	USPAT; US-PGPUB;	2002/11/29 06:56
			EPO; JPO; DERWENT;	
_	15	("functional test" or "functional	IBM_TDB USPAT;	2002/11/29
		tests").ti. and delay	US-PGPUB; EPO; JPO;	06:56
_	1	2002-328400.NRAN.	DERWENT; IBM_TDB DERWENT	2002/11/29
-	_			11:47
	2617	714/724.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/11/29
-	481	716/6.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/11/29 10:53
-	3	716/6.ccls. and "test clock"	DERWENT; IBM_TDB USPAT; US-PGPUB;	2002/11/29 07:15
			EPO; JPO; DERWENT; IBM_TDB	
-	15		USPAT	2002/11/29 07:14
-	8	("4063080"   "4672307"   "4763289"     "5056094"   "5206861"   "5365528"     "5383194"   "5422891").PN.	USPAT	2002/11/29 07:14
_	56	delay with "macro cell"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/11/29 07:16
-	17	(US-5923676-\$ or US-4924430-\$ or US-6437597-\$ or US-6404663-\$ or US-6415402-\$ or US-5181191-\$ or US-6219813-\$ or US-6108793-\$ or US-5381453-\$ or US-5583787-\$ or	USPAT; US-PGPUB; JPO; DERWENT	2002/11/29 07:22
	<u></u>	US-6434727-\$).did. or (US-20020010559-\$).did. or (JP-2001332099-\$).did. or (JP-2001142736-\$ or JP-2001101900-\$ or JP-03101245-\$ or JP-11251978-\$).did.		ero ura u errignu uz el ur
-	7		USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/11/29 07:23
-	125	"path delay".ti.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/11/29 07:32
-	299	("macro cell" or "macro cells").ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/11/29 07:33
L			IBM TDB	

				·
-	20	(US-5923676-\$ or US-4924430-\$ or	USPAT;	2002/11/29
		US-6437597-\$ or US-6404663-\$ or	US-PGPUB;	07:35
		US-6415402-\$ or US-5181191-\$ or	JPO;	
		US-6219813-\$ or US-6108793-\$ or	DERWENT	
		US-5381453-\$ or US-5583787-\$ or		
		US-6434727-\$ or US-6188934-\$ or		
		US-5983009-\$ or US-5696771-\$).did. or		
		(US-20020010559-\$).did. or		
		(JP-2001332099-\$).did. or		
		(JP-2001142736-\$ or JP-2001101900-\$ or		1
		JP-03101245-\$ or JP-11251978-\$).did.		
_	1	((US-5923676-\$ or US-4924430-\$ or	USPAT;	2002/11/29
		US-6437597-\$ or US-6404663-\$ or	US-PGPUB;	07:35
		US-6415402-\$ or US-5181191-\$ or	EPO; JPO;	
		US-6219813-\$ or US-6108793-\$ or	DERWENT;	1
		US-5381453-\$ or US-5583787-\$ or	IBM TDB	ļ
		US-6434727-\$ or US-6188934-\$ or		
		US-5983009-\$ or US-5696771-\$).did. or		
		(US-20020010559-\$).did. or		
		(JP-2001332099-\$).did. or		
		(JP-2001332099 \$7.did: 01 (JP-2001142736-\$ or JP-2001101900-\$ or		
		JP-03101245-\$ or JP-11251978-\$).did.) and		
		"dummy latch"		
	1 10	"dummy latch" ((US-5923676-\$ or US-4924430-\$ or	USPAT;	2002/11/29
_	13		1	1
		US-6437597-\$ or US-6404663-\$ or	US-PGPUB;	07:36
		US-6415402-\$ or US-5181191-\$ or	EPO; JPO;	
		US-6219813-\$ or US-6108793-\$ or	DERWENT;	
		US-5381453-\$ or US-5583787-\$ or	IBM_TDB	
		US-6434727-\$ or US-6188934-\$ or		
		US-5983009-\$ or US-5696771-\$).did. or		
		(US-20020010559-\$).did. or	İ	
		(JP-2001332099-\$).did. or		
		(JP-2001142736-\$ or JP-2001101900-\$ or		-
		JP-03101245-\$ or JP-11251978-\$).did.) and		
		"latch"		
_	3	((US-5923676-\$ or US-4924430-\$ or	USPAT;	2002/11/29
		US-6437597-\$ or US-6404663-\$ or	US-PGPUB;	07:38
		US-6415402-\$ or US-5181191-\$ or	EPO; JPO;	
		US-6219813-\$ or US-6108793-\$ or	DERWENT;	
		US-5381453-\$ or US-5583787-\$ or	IBM_TDB	
		US-6434727-\$ or US-6188934-\$ or		
		US-5983009-\$ or US-5696771-\$).did. or		
		(US-20020010559-\$).did. or		್ಡಾಗ್ ಕೃತ್ಯಾಗಿಕ್ಕಾರ್
		(JP-2001332099-\$).did. or		
		(JP-2001142736-\$ or JP-2001101900-\$ or		
		JP-03101245-\$ or JP-11251978-\$).did.) and		
		"latch" and macro		
-	30398	macro	USPAT;	2002/11/29
			US-PGPUB;	07:38
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	3397	macro.ti.	USPAT;	2002/11/29
			US-PGPUB;	07:38
			EPO; JPO;	
	1		DERWENT;	
			IBM TDB	
_	16	(macro and dram).ti.	USPAT;	2002/11/29
			US-PGPUB;	07:38
			EPO; JPO;	0,.50
			DERWENT;	
			l i	
	22	/manna and dala::> ##	IBM_TDB	2002/11/20
_	23	(macro and delay).ti.	USPAT;	2002/11/29
			US-PGPUB;	07:39
			EPO; JPO;	
			DERWENT;	
I	I		IBM TDB	

	2.60			10000/11/00
-	368	((ram or rom or dram or drom or macro) and delay).ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/11/29 07:40
	596	((test or tests or testing or tested or tester or testers) and ("memory cell" or "memory cells")).ti.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/11/29 08:01
_	3	((test or tests or testing or tested or tester or testers) and ("memory cell" or "memory cells") and delay).ti.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/11/29 08:02
-	15	<pre>((test or tests or testing or tested or tester or testers) and ("memory cell" or "memory cells")).ti. and (delay.ab.)</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/11/29 08:05
-	2	("6232845").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/11/29 08:06
_	2	("5696771").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/11/29 08:09
_	217	"wiring delay time"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/11/29 08:17
-	712	((delay or delays) with (measure or measures or measuring or measured or measurement or measurements or determine or determined or determines or determining or determination or determinations or calculate or calculates or calculating or calculated or calculations or calculation) with (wiring	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 08:18
	100	or wirings))	HCDDW.	2002/11/20
	182	(("wiring delay") with (measure or measures or measuring or measured or measurement or measurements or determine or determined or determines or determining or determination or determinations or calculate or calculates or calculating or calculated or calculations or calculation))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 08:31
-	19	5696771.URPN.	USPAT	2002/11/29 08:21
_	2	("5696771").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/11/29 08:40
_	1677	"test clock"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/11/29 08:40
-	466	702/117.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/29 08:48

_	87	("wiring delay").ti.	USPAT;	2002/11/29
			US-PGPUB;	08:48
			EPO; JPO;	
			DERWENT;	
l			IBM_TDB	
-	6	("5367469"   "5461576"   "5553001"	USPAT	2002/11/29
		"5553008"   "5619418"   "5633807").PN.		09:07
_	12	5845233.URPN.	USPAT	2002/11/29
				09:07
_	29	4878209.URPN.	USPAT	2002/11/29
		10,0203.0112.00		09:38
1_	13	("3961251"   "3961252"   "3961254"	USPAT	2002/11/29
-	13	"4058767"   "4225957"   "4332028"	051711	09:39
		"4461000"   "4481627"   "4482953"		05.35
		"4503387"   "4510603"   "4513418"		
		"4608669").PN.		
	111		USPAT;	2002/11/29
-	111	702/118.ccls.		09:46
			US-PGPUB;	09:46
			EPO; JPO;	
			DERWENT;	
	_	/d-1	IBM_TDB	2002/11/20
-	2	(delay and macrocell).ti.	USPAT;	2002/11/29
			US-PGPUB;	09:46
		,	EPO; JPO;	
			DERWENT;	
			IBM_TDB	0000/11/00
-	73909	oki.asn.	USPAT;	2002/11/29
			US-PGPUB;	09:51
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	20	oki.asn. and (macrocell or macro-cell or	USPAT;	2002/11/29
		"macro cell")	US-PGPUB;	09:52
			EPO; JPO;	
			DERWENT;	1
			IBM_TDB	
_	105	702/119.ccls.	USPAT;	2002/11/29
İ			US-PGPUB;	09:56
ĺ			EPO; JPO;	
			DERWENT;	
			IBM_TDB	1
-	89	702/120.ccls.	USPAT;	2002/11/29
Salar Maria			US-PGPUB;	09:58
		· ·	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	174	702/79.ccls.	USPAT;	2002/11/29
			US-PGPUB;	10:02
			EPO; JPO;	
	1		DERWENT;	
			IBM_TDB	
-	53	702/89.ccls.	USPAT;	2002/11/29
			US-PGPUB;	10:02
	1		EPO; JPO;	
	1		DERWENT;	1
			IBM TDB	
_	88	324/532.ccls.	USPAT;	2002/11/29
1			US-PGPUB;	10:18
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	140	324/534.ccls.	USPAT;	2002/11/29
	140	021/001.0013.	US-PGPUB;	10:20
			EPO; JPO;	10.20
			DERWENT;	
		714/7041 (4-1	IBM_TDB	2002/10/17
-	41	714/724.ccls. and (delay).ti.	USPAT;	2003/10/17
			US-PGPUB;	16:28
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	l

Search History

grada adam y

10/17/03 5:40:32 PM

Page 10

	-	289	716/17.ccls.	USPAT;	2002/11/29
		1		US-PGPUB;	10:27
				EPO; JPO;	
				DERWENT;	
				IBM TDB	
		11	//!! (2.47057!!) om /!! 5 (00216!!) om	USPAT;	2002/11/29
	_	11	(("6347057") or ("5699316") or		
			("5297105") or ("5452260") or ("5768210")	US-PGPUB;	10:54
			or ("6320799")).PN.	EPO; JPO;	
				DERWENT;	
				IBM TDB	
	_	10	"functional test circuit"	DERWENT	2002/11/29
		10	141100101141 0000 01104110	<i>D</i>	12:49
		526	macrocell or "macro cell" or macro-cell	Debrasia	2002/11/29
	_	536	macrocell or macro cell of macro-cell	DERWENT	
					11:52
İ	-	33	(macrocell or "macro cell" or macro-cell)	DERWENT	2002/11/29
			and (multiplexer or multiplexor or		12:43
			multiplexors or multiplexers or mux or		
1			muxes or muxs)		
	_	1	1995-074723.NRAN.	DERWENT	2002/11/29
	_	1	1993-074723.NRAN.	DEKMENT	
			48500 4500 85		11:56
	-	2	("5384500").PN.	USPAT;	2002/11/29
				US-PGPUB;	12:43
		1		EPO; JPO;	
				DERWENT;	
				IBM TDB	
		7	(multiplexer or multiplexor or	DERWENT	2002/11/29
	_	'		DEKMENT	
			multiplexors or multiplexers or mux or		12:46
			muxes or muxs) with "test clock"		
	_	1902	(multiplexer or multiplexor or	DERWENT	2002/11/29
			multiplexors or multiplexers or mux or		12:47
	!		muxes or muxs) with "clock"		
	_	294	(equal or "same") with (delay or delays)	DERWENT	2002/11/29
		2 2 3		DERWENT	12:48
1			with (path or paths or wiring or wirings)		1
	_	50	"functional test circuit"	USPAT;	2002/11/29
				US-PGPUB;	12:49
				EPO; JPO;	
				DERWENT	
	_	51	"functional test circuit"	USPAT;	2002/11/29
				US-PGPUB;	12:49
				EPO; JPO;	12.13
				DERWENT;	
				IBM_TDB	
32 1 1 1 1 1 H	a 🏝 attanatistat 👊	~ ···· ··· ··· ··· ··· ··· ··· ·· ··· ·	"functional test circuit"	USPAT;	2002/11/29
				US-PGPUB;	13:55
				EPO; JPO;	
				DERWENT;	
				IBM TDB	]
	_	14	(("6301547") or ("4864512") or		2002/11/29
	_	14	, , , , , , , , , , , , , , , , , , , ,	USPAT;	
			("5532944") or ("5239378") or ("4860009")	US-PGPUB;	13:56
			or ("5854996") or ("5150313")).PN.	EPO; JPO;	]
				DERWENT;	]
				IBM TDB	[
	_	1008	"wiring delay"	USPAT;	2002/12/01
		1000	"LILING GOIG	US-PGPUB;	15:10
				· ·	13.10
				EPO; JPO;	
				DERWENT;	
				IBM_TDB	
	_	4	"wiring delay" and "test clock"	USPAT;	2002/12/01
			<del>-</del>	US-PGPUB;	15:11
				EPO; JPO;	
				DERWENT;	
				IBM_TDB	1 !
	-	0	"wiring time delay" and "test clock"	USPAT;	2002/12/01
				US-PGPUB;	15:12
				EPO; JPO;	
		<u> </u>		DERWENT;	
				IBM TDB	
Į		l	weather the last transfer of the section of the sec	םמד דומי	

-	35	(delay near4 (wiring or wire or wires or wired)) and "test clock"	USPAT; US-PGPUB; EPO; JPO;	2002/12/01 15:15
			DERWENT; IBM TDB	
-	375	(delay near4 (wiring or wire or wires or wired)) near3 (measure or measures or measuring or measured or measurement or	USPAT; US-PGPUB; EPO; JPO;	2002/12/01 15:24
		measurements or determine or determined or determines or determining or	DERWENT; IBM_TDB	
		determination or determinations or calculate or calculates or calculating or calculated or calculations or calculation)		
-	4	((delay near4 (wiring or wire or wires or wired)) near3 (measure or measures or	USPAT; US-PGPUB;	2002/12/01 15:17
		measuring or measured or measurement or measurements or determine or determined or determines or determinations or determination or	EPO; JPO; DERWENT; IBM_TDB	
		calculate or calculates or calculating or calculated or calculations or calculation)) and "test clock"		
_	0	"access delay" with "wiring delay"	USPAT; US-PGPUB;	2002/12/01 15:33
			EPO; JPO; DERWENT; IBM_TDB	
_	12	((delay near4 (wiring or wire or wires or wired)) near3 (measure or measures or measuring or measured or measurement or measurements or determine or determined or determines or determining or	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/12/01 15:33
		determination or determinations or calculate or calculates or calculating or calculated or calculations or calculation) and (macrocell or "macrocell" or macro-cell)		
-	40	(US-6434727-\$ or US-6188934-\$ or US-5983009-\$ or US-5886901-\$ or US-5696771-\$ or US-5583787-\$ or	USPAT; US-PGPUB; JPO;	2002/12/01 15:49
		US-5355321-\$ or US-4924430-\$ or	DERWENT	
Na e talent	e light land occupati	US-5173864-\$ or US-5381453-\$ or US-6437597-\$ or US-6108793-\$ or US-6404663-\$ or US-5923676-\$ or	: .	75 Tanah (1964
		US-6415402-\$ or US-6219813-\$ or		
	;	US-5181191-\$ or US-6232845-\$ or US-6401233-\$ or US-4878209-\$ or		
		US-6144262-\$ or US-6233205-\$ or		
		US-5768130-\$ or US-6272439-\$ or   US-6065145-\$ or US-5384500-\$).did. or		
		(US-6456737-\$ or US-5821786-\$ or		
		US-5553276-\$ or US-5452239-\$ or   US-6099578-\$ or US-5875114-\$).did. or		
		(US-20020010559-\$ or		
		US-20020095646-\$).did. or (JP-2001332099-\$).did. or (JP-03101245-\$		
		or JP-2001142736-\$ or JP-11251978-\$ or		
		JP-2001101900-\$ or JP-10050847-\$).did.		

-	22	((US-6434727-\$ or US-6188934-\$ or	USPAT;	2002/12/01
		US-5983009-\$ or US-5886901-\$ or	US-PGPUB;	16:04
		US-5696771-\$ or US-5583787-\$ or	EPO; JPO;	
		US-5355321-\$ or US-4924430-\$ or	DERWENT;	
		US-5173864-\$ or US-5381453-\$ or	1	
		•	IBM_TDB	
		US-6437597-\$ or US-6108793-\$ or		
		US-6404663-\$ or US-5923676-\$ or		]
		US-6415402-\$ or US-6219813-\$ or		1
		US-5181191-\$ or US-6232845-\$ or		l i
		US-6401233-\$ or US-4878209-\$ or		
		US-6144262-\$ or US-6233205-\$ or		
		US-5768130-\$ or US-6272439-\$ or		
		US-6065145-\$ or US-5384500-\$).did. or		
		(US-6456737-\$ or US-5821786-\$ or		
	İ	US-5553276-\$ or US-5452239-\$ or		•
		US-6099578-\$ or US-5875114-\$).did. or		
		(US-20020010559-\$ or		
		US-20020095646-\$).did. or		
ļ		(JP-2001332099-\$).did. or (JP-03101245-\$		
		or JP-2001142736-\$ or JP-11251978-\$ or		
		JP-2001101900-\$ or JP-10050847-\$).did.)		
		and mode		
-	6	((US-6434727-\$ or US-6188934-\$ or	USPAT;	2002/12/01
		US-5983009-\$ or US-5886901-\$ or	US-PGPUB;	16:04
		US-5696771-\$ or US-5583787-\$ or	EPO; JPO;	
		US-5355321-\$ or US-4924430-\$ or	DERWENT;	
			1	
		US-5173864-\$ or US-5381453-\$ or	IBM_TDB	
		US-6437597-\$ or US-6108793-\$ or		
		US-6404663-\$ or US-5923676-\$ or		1
		US-6415402-\$ or US-6219813-\$ or		
		US-5181191-\$ or US-6232845-\$ or		
		US-6401233-\$ or US-4878209-\$ or		
		US-6144262-\$ or US-6233205-\$ or		
		· · · · · · · · · · · · · · · · · · ·		1
		US-5768130-\$ or US-6272439-\$ or		i i
		US-6065145-\$ or US-5384500-\$).did. or		
		(US-6456737-\$ or US-5821786-\$ or		
		US-5553276-\$ or US-5452239-\$ or		
	f	US-6099578-\$ or US-5875114-\$).did. or		
		(US-20020010559-\$ or		
		US-20020095646-\$).did. or		
Į		• •		
		(JP-2001332099-\$).did. or (JP-03101245-\$		
		or JP-2001142736-\$ or JP-11251978-\$ or		
r san dan ente de	100 SAT 4	JP-2001101900-\$ or JP-10050847-\$).did.)		The state of the s
		and "mode signal"		
_	1012	"wiring delay"	USPAT;	2002/12/12
			US-PGPUB;	13:43
			EPO; JPO;	
			DERWENT;	
			1	
		H 1 2 3 3 3 3 3 4 4 1 3 3 3 3 3 3 3 3 3 3 3 3	IBM_TDB	1 2002 /12 /12
-	342	"wiring delay" and cell	USPAT;	2002/12/12
			US-PGPUB;	13:44
			EPO; JPO;	) ·
			DERWENT;	į
	1		IBM TDB	
-	132	"wiring delay" same cell	USPAT;	2002/12/12
1	172		US-PGPUB;	13:44
			EPO; JPO;	1 20.33
	1			1
			DERWENT;	
	1		IBM_TDB	
	1	1994-228487.NRAN.	DERWENT	2002/12/12
				15:42
_	2866	"test clock" or tck or tclk	USPAT;	2002/12/13
			US-PGPUB;	13:08
				13.00
1			EPO; JPO;	1
1			DERWENT;	
			IBM_TDB	
-	4	("test clock" or tck or tclk) same	USPĀT;	2002/12/13
		"wiring delay"	US-PGPUB;	13:09
			EPO; JPO;	
			DERWENT;	[
			IBM TDB	

-	512	("test clock" or tck or tclk) same delay	USPAT;	2002/12/13
			US-PGPUB;	13:55
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	200	("test clock") same delay	USPAT;	2002/12/13
			US-PGPUB;	13:33
			EPO; JPO;	
			DERWENT;	1
	Ì		IBM TDB	
_	29	("test clock") same delay with (equal or	USPAT;	2002/12/13
		equals or "same")	US-PGPUB;	13:47
		,	EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	42	"dummy latch"	USPAT;	2002/12/13
			US-PGPUB;	16:05
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	2	("5,278,842").PN.	USPAT;	2002/12/13
		( 5,5,0,015 ,.11.	US-PGPUB;	16:05
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	842	714/726.ccls.	USPAT;	2002/12/13
-	042	/13//20.0013.	US-PGPUB;	16:36
			EPO; JPO;	10.30
			DERWENT;	
				]
	191	714/731.ccls.	IBM_TDB USPAT;	2002/12/13
_	191	714/731.6618.	· ·	16:37
			US-PGPUB;	10:37
			EPO; JPO;	
			DERWENT;	
	E11	714/733.ccls.	IBM_TDB	2002/12/12
_	511	/14//33.CCIS.	USPAT;	2002/12/13
			US-PGPUB;	16:37
			EPO; JPO;	
			DERWENT;	
	205	714/734.ccls.	IBM_TDB	2002/12/13
-	295	/14//34.CCIS.	USPAT;	16:38
on real control	1 152	و المرود الله المحادي المحادي المحادية والمورود ومستادة والمحادي المحادي المحادي	US-PGPUB;	10:30
			EPO; JPO; DERWENT;	
	26	714/7061 / /	IBM_TDB	2002/10/17
-	26	714/726.ccls. and ((wire or wiring or	USPAT;	2003/10/17
		wires or wired) with (delays or delay))	US-PGPUB;	16:27
			EPO; JPO;	
			DERWENT;	
	-	714/722	IBM_TDB	2002/12/13
-	7	· · · · - · - · - · · · · · · · ·	USPAT;	2002/12/13
		wires or wired) with (delays or delay))	US-PGPUB;	16:37
			EPO; JPO;	]
			DERWENT;	
	_	714/721	IBM_TDB	2000/10/10
-	7	· / · · · - · - · · · · · · · ·	USPAT;	2002/12/13
		wires or wired) with (delays or delay))	US-PGPUB;	16:37
			EPO; JPO;	[
	1		DERWENT;	
	_	714/722	IBM_TDB	10000 /50 /50
-	7	, , ,, , ,	USPAT;	2002/12/13
		wires or wired) with (delays or delay))	US-PGPUB;	16:37
1			EPO; JPO;	
1			DERWENT;	
			IBM_TDB	
-	8	, ,	USPAT;	2002/12/13
		wires or wired) with (delays or delay))	US-PGPUB;	16:38
			EPO; JPO;	
			DERWENT;	
			IBM TDB	

	_	8	(("5696771") or ("6144262") or ("5875114") or ("6233205")).PN.	USPAT; US-PGPUB; EPO; JPO;	2002/12/16 06:19
			5000.450 4 640.4505 4	DERWENT; IBM_TDB	0000/10/00
	_	54	(US-5381453-\$ or US-6434727-\$ or US-6188934-\$ or US-5983009-\$ or US-5886901-\$ or US-5875114-\$ or US-5638294-\$ or US-5696771-\$ or	USPAT; US-PGPUB; JPO; DERWENT	2003/10/03 11:09
			US-5636294-3 Of US-5696771-3 Of US-5583787-\$ or US-5355321-\$ or US-5173864-\$ or US-6099578-\$ or US-5768130-\$ or US-6065145-\$ or	DERWENT	
			US-5452239-\$ or US-5384500-\$ or US-6232845-\$ or US-6401233-\$ or US-5943489-\$ or US-4878209-\$ or		
			US-6070260-\$ or US-6452459-\$ or US-6233205-\$ or US-6144262-\$ or US-6437597-\$ or US-5923676-\$).did. or		
			(US-5553276-\$ or US-4924430-\$ or US-5181191-\$ or US-6415402-\$ or US-6404663-\$ or US-6219813-\$ or		
			US-6108793-\$ or US-6272439-\$ or US-6456737-\$ or US-5821786-\$ or US-5671233-\$ or US-6335889-\$ or		
			US-5787310-\$ or US-5198999-\$ or US-6489819-\$ or US-5663991-\$ or US-6189121-\$).did. or (US-20020095646-\$		
			or US-20020011865-\$ or US-20020010559-\$).did. or (JP-2001332099-\$ or JP-11353873-\$).did.		
			or (JP-11251978-\$ or JP-03101245-\$ or JP-06163691-\$ or JP-2001142736-\$ or JP-2001101900-\$ or JP-10050847-\$).did.		
	-	5347	(delay or delays) with (data) with (output or outputs) with clock	USPAT; US-PGPUB; JPO;	2003/10/03
	-	944	(delay or delays) with between with (data) with (output or outputs) with clock	DERWENT USPAT; US-PGPUB; JPO; DERWENT	2003/10/03 11:10
alinna i	Land, 1885 (Land The		(delay or delays) with between with "("data output" or "data out" or Q) with clock	USPAT; US-PGPUB; JPO; DERWENT	2003/10/03 11:15
	-	99	((delay or delays) with between with ("data output" or "data out" or Q) with clock) same ("flip flop" or flip-flop)	USPAT; US-PGPUB; JPO; DERWENT	2003/10/10 16:26
	-	0	"no q to clock delay"	USPAT; US-PGPUB; JPO; DERWENT	2003/10/03 11:30
	_	0	"no clock to delay"	USPAT; US-PGPUB; JPO;	2003/10/03
	_	0	"no clock to q delay"	DERWENT USPAT; US-PGPUB; JPO;	2003/10/03
	_	0	"no clock-q delay"	DERWENT USPAT; US-PGPUB; JPO;	2003/10/03
	_	0	"no q-clock delay"	DERWENT USPAT; US-PGPUB; JPO;	2003/10/03 11:30
				DERWENT	

_	0	"delay between clock and Q"	USPAT; US-PGPUB;	2003/10/03 11:30
_	0	"q to clock delay"	JPO; DERWENT USPAT; US-PGPUB;	2003/10/03 11:30
_	0	"clock to delay"	JPO; DERWENT USPAT; US-PGPUB;	2003/10/03 11:30
-	0	"clock to q delay"	JPO; DERWENT USPAT; US-PGPUB;	2003/10/03 11:30
-	0	"clock-q delay"	JPO; DERWENT USPAT; US-PGPUB; JPO;	2003/10/03 11:30
_	0	"q-clock delay"	DERWENT USPAT; US-PGPUB; JPO;	2003/10/03 11:32
_	18	("5768210") or ("5699316") or ("5625315") or ("5502415") or ("5452260") or	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/10/03 11:33
_	960	("5297105") or ("5363331") or ("4950031")).PN. ("flip flop" or flip-flop) same (("same" or indentical or equal) near2 (delay or delays))	DERWENT; IBM_TDB USPAT; US-PGPUB; JPO;	2003/10/03 12:35
-	1689	("flip flop" or flip-flop or latch or latches) same (("same" or indentical or equal) near2 (delay or delays))	DERWENT USPAT; US-PGPUB; JPO; DERWENT	2003/10/03 12:35
-	31	("flip flop" or flip-flop or latch or latches) same (("same" or indentical or equal) near2 (delay or delays)) with	USPAT; US-PGPUB; JPO;	2003/10/03 12:36
e Lastra, rus	31 . v	Tatches) same (("same" or indentical or equal) near2 (delay or delays)) with	DERWENT USPAT; US-PGPUB; JPO;	2003/10/10 17:38 *** ********************************
-	137	<pre>(clock) with (q or "data out" or dq) ((time) with between with ("data output" or "data out" or Q) with clock) same ("flip flop" or flip-flop)</pre>	DERWENT USPAT; US-PGPUB; JPO;	2003/10/10 16:31
-	6	(delay or time or timing) adj (between or from) adj (clock or clk or ck or tck or tclk) adj (q or output)	DERWENT USPAT; US-PGPUB; JPO;	2003/10/10 16:34
-	20	(delay or time or timing) adj (between or from) adj (clock or clk or ck or tck or tclk) adj2 (q or output)	DERWENT USPAT; US-PGPUB; JPO;	2003/10/10 17:11
-	2	("20020010559").PN.	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/10/10 17:13
_	146	(MATSUI and KATSUAKI).in.	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/10/10 17:38
_	41	("flip flop" or flip-flop or latch or latches) same (multiplexer or multiplexers) same "test input"	IBM_TDB USPAT; US-PGPUB; JPO; DERWENT	2003/10/10 18:02

# 1878 AF 1771 1 27 1

-	2	("5,696,771").PN.	USPAT;	2003/10/10
			US-PGPUB;	17:57
			EPO; JPO;	İ
			DERWENT;	
			IBM TDB	l
_	4	(("6,144,262") or ("5,875,114")).PN.	USPAT;	2003/10/10
			US-PGPUB;	17:57
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	336	("flip flop" or flip-flop or latch or	USPAT;	2003/10/10
		latches) same (multiplexer or	US-PGPUB;	18:04
		multiplexers) same "test mode"	JPO;	
		<u>-</u>	DERWENT	
-	2	("4602210").PN.	USPAT;	2003/10/10
			US-PGPUB;	18:04
			EPO; JPO;	
			DERWENT;	
1			IBM TDB	
	<u> </u>		· — — — — — — — — — — — — — — — — —	·